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## Patent Abstracts of Japan

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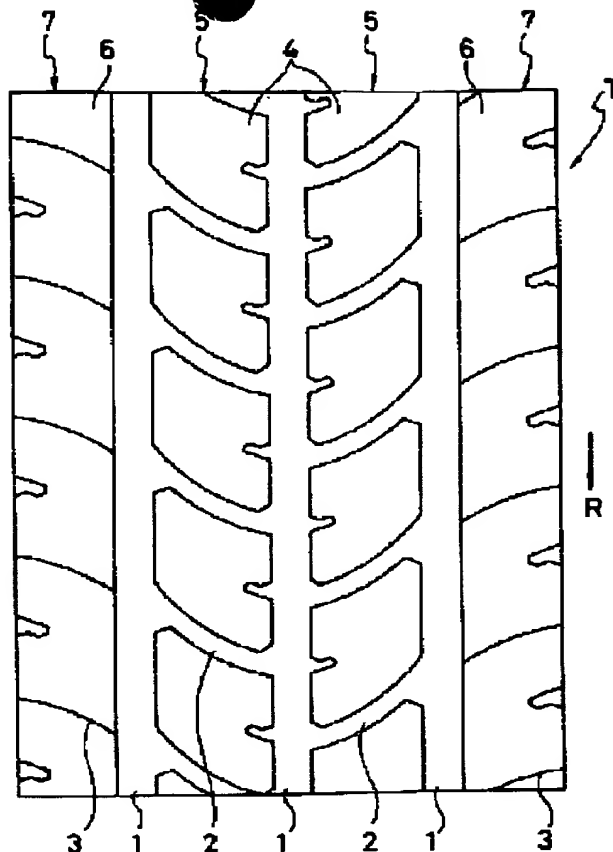
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APPLICANT : YOKOHAMA RUBBER CO LTD:THE;

INVENTOR : MARUYAMA HIROISA;

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TITLE : PNEUMATIC RADIAL TIRE FOR HEAVY LOAD



ABSTRACT : PROBLEM TO BE SOLVED: To suppress the occurrence of wear of a heel and a toe without substantially lowering wet traction performance.

SOLUTION: In a pneumatic radial tire for a heavy load formed such that two trains of block trains 5 consisting of a plurality of blocks 4 are formed in a division state in at least the central part of a tread surface T, subgrooves 2 forms a tread pattern having a directional property wherein the grooves are formed from the tire equator side toward the two outsides and inclined to the tire opposite rotation side and the inclination angle of the subgroove 2 with the peripheral direction of a tire is gradually decreased from the tire equator side toward the outside. An inclination angle  $\theta_0$  on the tire equator side is set to a range of  $70^\circ \leq \theta_0 \leq 90^\circ$ , an inclination angle  $\theta_1$  on the tire outside is set to a range of  $30^\circ \leq \theta_1 < \theta_0$ , and an angle  $\alpha$  of the wall surface of the stepping side of the block 4 with a tire radiation direction is increased to a value higher than the angle  $\beta$  of a wall surface on the kicking side.

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